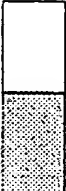
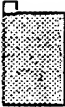
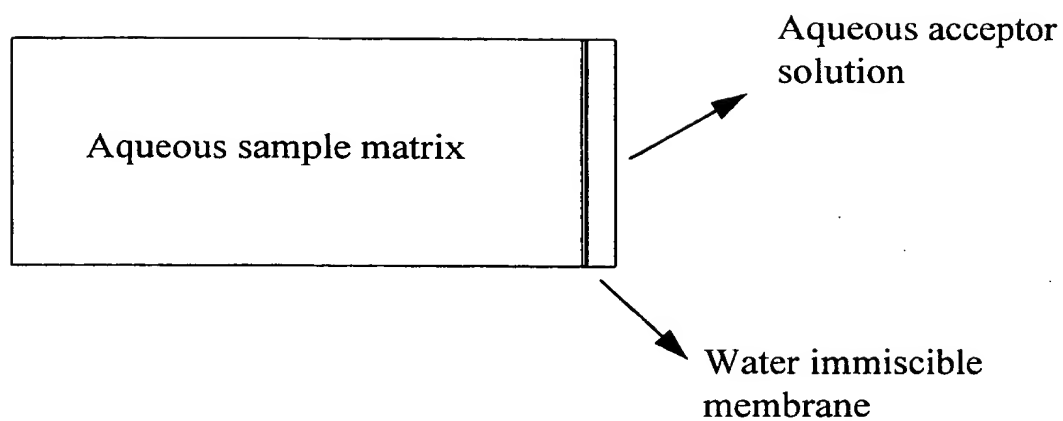


<b>LLE</b>	1 ml extract		Amounts of analyte at equilibrium	Concentration of analyte at equilibrium
	1 ml sample		0.990 $\mu\text{g}$	0.99 $\mu\text{g/ml}$
<b>LLME</b>	10 $\mu\text{l}$ extract		Amounts of analyte at equilibrium	Concentration of analyte at equilibrium
	1 ml sample		0.0099 $\mu\text{g}$	0.0099 $\mu\text{g/ml}$
			0.5 $\mu\text{g}$	50 $\mu\text{g/ml}$
			0.5 $\mu\text{g}$	0.5 $\mu\text{g/ml}$

Comparison of LLE and LLME

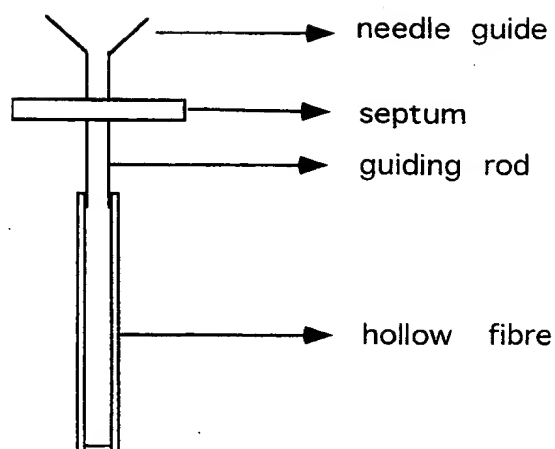
**Fig. 1**



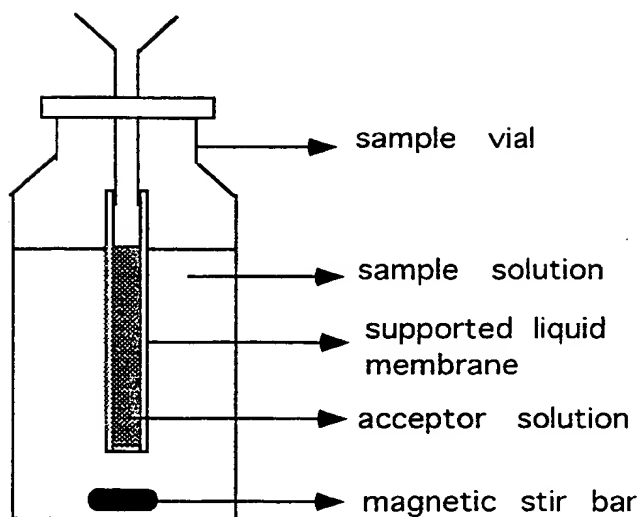
Principle of liquid-liquid micro extraction

**Fig.2**

A

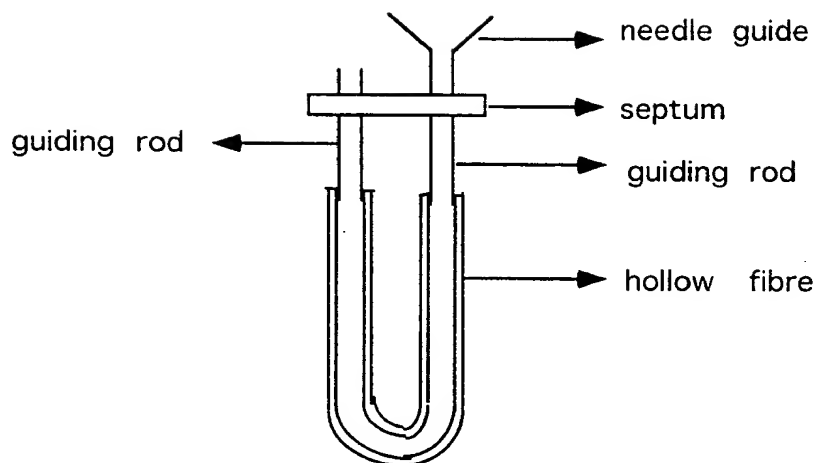
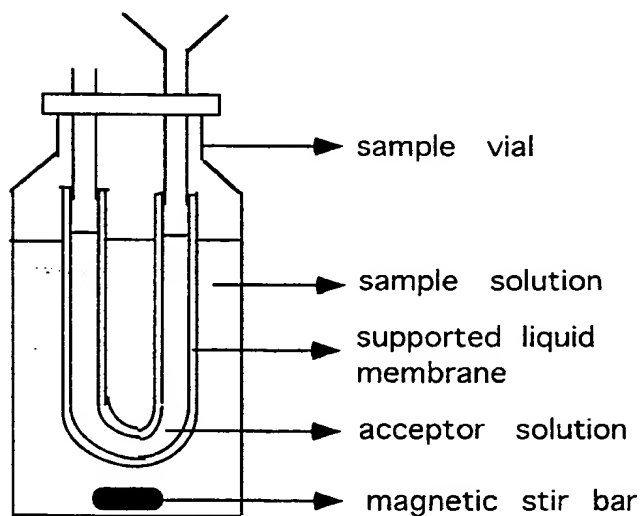


B



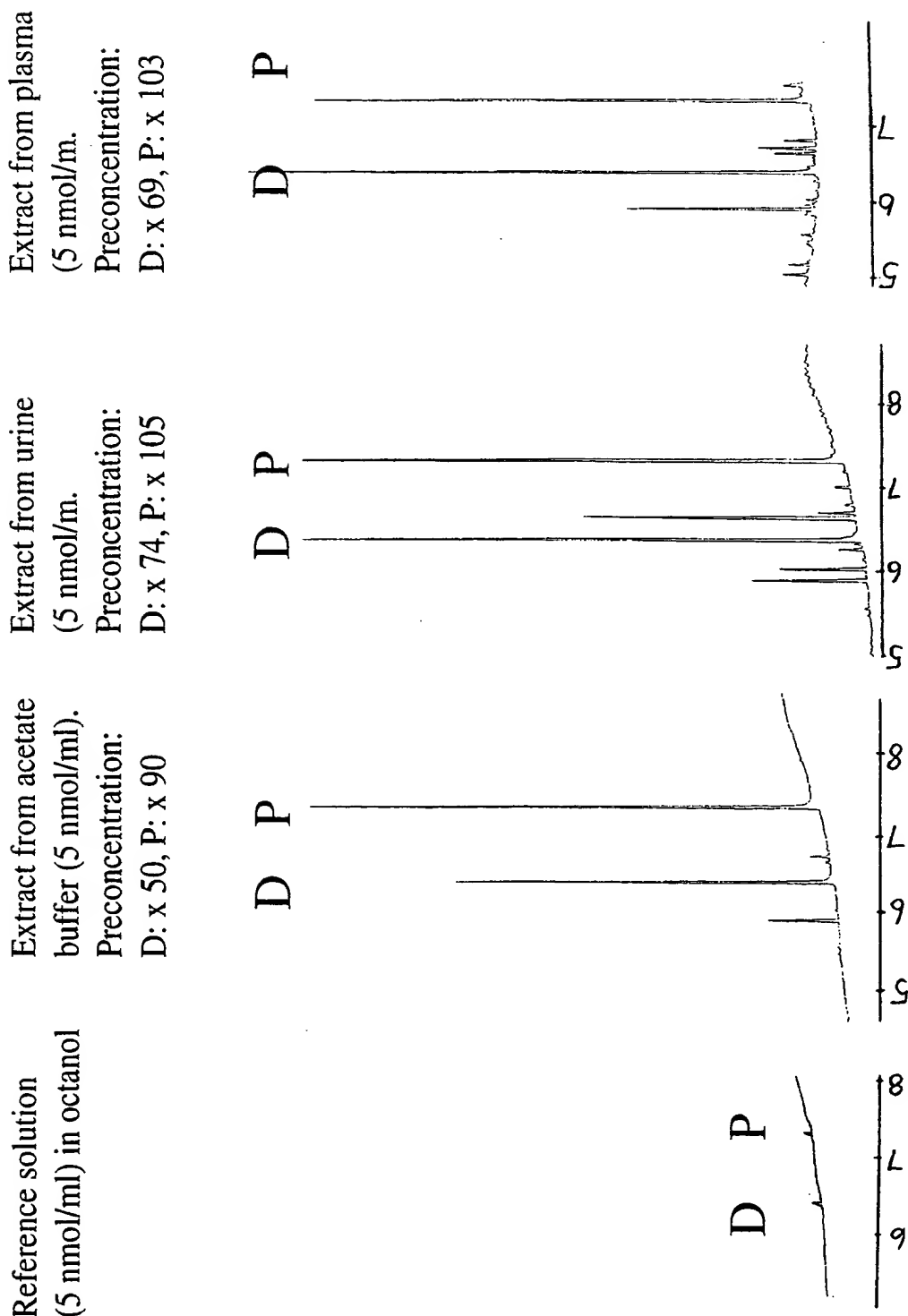
Disposable device for LLMBE (a) and disposable device connected to an autosampler vial (b)

Fig. 3

**A****B**

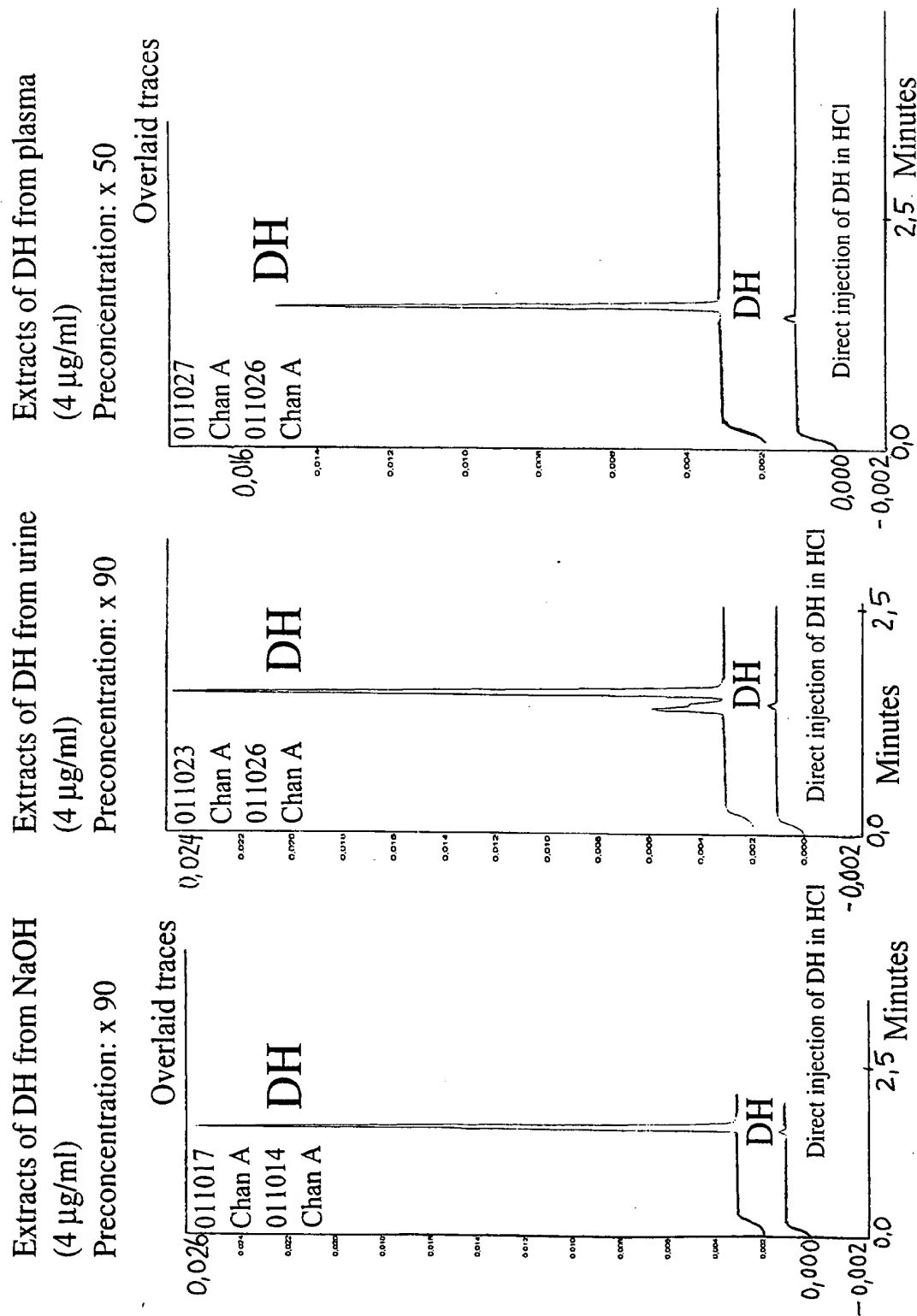
**Disposable device for LLMBE (a) and disposable device connected to an autosampler vial (b)**

**Fig. 4**



Chromatograms of the reference solution in octanol and extracts from acetate buffer, urine and plasma

Fig. 5



Electropherograms of the reference solution in NaOH and extracts from acetate buffer, urine and plasma

Fig.6